

Application No. 10/082,980

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REMARKS

Claims 1-3, 5-11 are pending in this application. Claim 1 has been amended.

Claims 1-3, 6 and 7 were rejected under 35 USC §103(a) as being unpatentable over Lomas et al (U.S. Patent Application Publication No. 2002/0097421) in view of Nagasaki (U.S. Patent No. 6,519,049). Claims 5 and 8-11 were rejected under 35 USC §103(a) as being unpatentable over Lomas et al (U.S. Patent Application Publication No. 2002/0097421) in view of Nagasaki (US Patent 6,519,049) and further in view of Parry (U.S. Patent Application Publication No. 2003/0030664).

Claim 1, as amended, claims a system for installing a printer driver for a printer selected by a user as the printer the user wants to install, connected on a network, comprising: a printer driver for the user-selected printer, wherein the user-selected printer includes a display panel; a beacon, located at the user-selected printer, responsive to an input comprising the user accessing a menu on the user-selected printer's display panel and selecting a button on the menu for activating the beacon, for broadcasting the user-selected printer's identification on the network; and an installer, located on a user's host device connected on the network, for prompting the user to walk over to the user-selected printer and activate the beacon, and responsive to activation, for listening for the user-selected printer's identification, and responsive to receipt of the user-selected printer's identification, for installing the printer driver on the user's host device.

Applicants' system for installing a printer driver removes the ambiguity of multiple printers on a network by allowing the user to make a physical connection instead of a logical connection. When a user executes an installer on the host device to install the printer driver, the installer listens to the network for a broadcast from the printer. The user is instructed to physically go to the printer the user wants to install and activate the printer component of the installation from the printer's front panel. The printer component may be implemented in the form of a beacon which, responsive to an input (such as a user pressing a button at the printer's control panel), broadcasts certain predetermined information about the printer. When the user

Application No. 10/082,980

activates the beacon at the printer, the printer broadcasts its network information. This information may include the printer's model name and distinguishing network information. Once the information sent out is received on the user's host device, the installer knows precisely which printer to select, and continues the installation automatically.

Lomas et al discloses a system for installation of a network printer onto a client processor and employs a remote server 20 for managing printer installations. The server 20 receives a notification whenever a new printer 12 accesses the network. In Lomas, the printer 12 includes "a network card 18, upon sensing an occurrence of a network connection, causes printer 12, under control of host processor 16, to issue a Service Location Protocol (SLP) packet onto network 10." See paragraph 14, lines 1-4 of Lomas. The server 20 creates an executable installation program and emails it to the client processor 14. If the user wants to send print jobs to the new printer 12, the user must open his email and click on the executable file.

In Lomas et al., printer 12 does not include a "a beacon, located at the user-selected printer, responsive to a user's activation of the beacon at the printer, for broadcasting the printer's identification to the user's host device; wherein the user-selected printer includes a display panel and wherein the user's activation of the beacon at the printer comprises the user accessing a menu on the selected printer's display panel and selecting a button on the menu for activating the beacon."

In Lomas et al., the email window in client processor 14 containing the executable printer driver installation program is not the same as "the user accessing a menu on the selected printer's display panel and selecting a button on the menu for activating the beacon" in Applicants' system.

Lomas et al. does not include an installer "an installer, located on a user's host device connected on the network, for prompting the user to walk over to the user-selected printer and activate the beacon, and responsive to activation, for listening for the user-selected printer's identification, and responsive to receipt of the user-selected printer's identification, for installing the printer driver on the user's host device." There is no teaching or suggestion in Lomas et al. to

Application No. 10/082,980

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**AUG 28 2006**

to prompt a user to physically select the desired printer (by walking over the printer and activating a beacon at the printer).

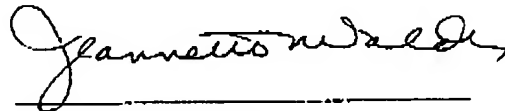
Nothing in Nagasaki or Parry overcomes the lack of teaching in Lomas et al.

Applicants believe that Claims 1-3, 5-11 are in condition for allowance.

No additional fee is believed to be required for this amendment; however, the undersigned Xerox Corporation attorney hereby authorizes the charging of any necessary fees, other than the issue fee, to Xerox Corporation Deposit Account No. 24-0025.

Reconsideration of this application and allowance thereof are earnestly solicited. In the event the Examiner considers a personal contact advantageous to the disposition of this case, the Examiner is requested to call the undersigned Attorney for Applicants, Jeannette Walder.

Respectfully submitted,



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Xerox Corporation  
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